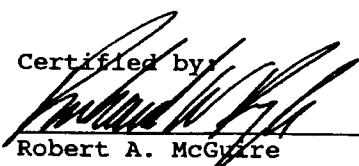


This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive materials.

1. Source Identification - Isotope Products Laboratories (IPL) Model 343.
2. Source Description - The source described by this certificate is a welded cylindrical encapsulation constructed of Type 304 or 304L stainless steel with external dimensions of 9.53 mm (0.375") in diameter x 7.87 mm (0.31") in length. One end has a recessed hexagonal socket. Construction must be in accordance with IPL Drawing Number A-3222 (attached).
3. Radioactive Contents - This source consists of not more than 0.011 TBq (0.3 Ci) of Sr-90 in ceramic or as SrTiO<sub>4</sub> in silver, or 0.0019 TBq (0.05 Ci) of Ru-106 as metal plated on platinum.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires August 31, 2005.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated February 15, 2000 submitted by Isotope Products Laboratories, Burbank, CA, and in consideration of other information on file in this Office.

Certified by

  
Robert A. McGuire

Associate Administrator for  
Hazardous Materials Safety

AUG - 9 2000

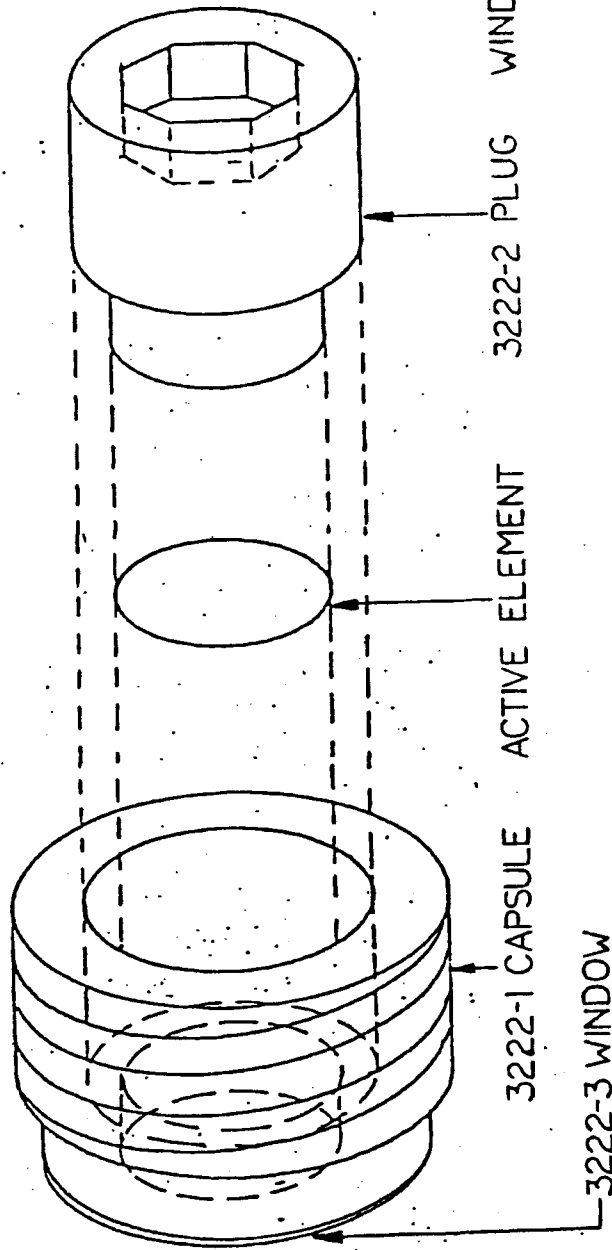
\_\_\_\_\_  
(DATE)

Revision 4 - Issued to update 1985 IAEA standards and to extend the expiration date.

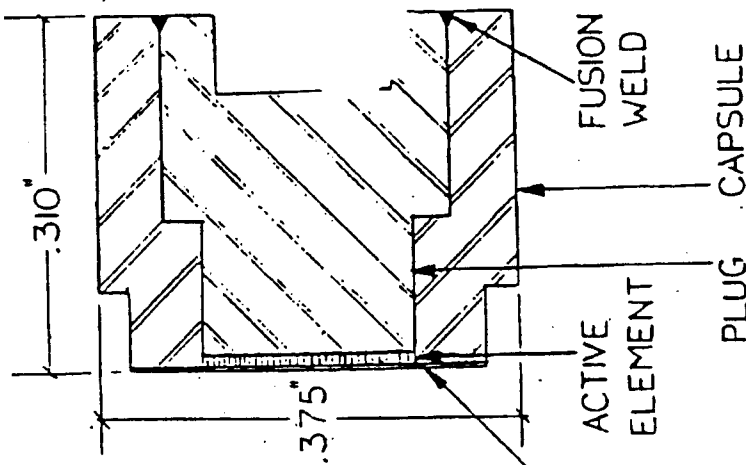
1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

REFERENCE : FERMI CAPSULE



MATL, 304 or 304L STL.ST.



DECEMBER 1989

# ISOTOPE PRODUCTS LABORATORIES BURBANK, CALIFORNIA 91504

DRAWING TITLE : ASSEMBLY MODEL 343 CAPSULE	SCALE : 6 to 1
SERIES TITLE : GFS SOURCES	CHECKED BY :
DRAWN BY : A.DEXTER	REVISION : A
DRAWING NUMBER : A-3222	